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THE ASSISTANT COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, VA 22313-1450  
 Assignee Name: International Business Machines Corporation  
 Assignee Residence: Armonk, New York

16638 U.S.PTO  
121003

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventors: Michael Wayne Brown, Michael A. Paolini, Newton James Smith, Jr., Lorin Evan Ullmann and Cristi Nesbitt Ullmann

For: **A SPEECH IMPROVING APPARATUS, SYSTEM AND METHOD**

Enclosed are:

Patent Specification and Declaration  
 8 sheets of drawing(s). (Informal/Formal)

An assignment of the invention to International Business Machines Corporation (includes Recordation Form Cover Sheet).

A certified copy of a \_\_\_\_\_ application.

Information Disclosure Statement, PTO 1449 and copies 10 of references.

The filing fee has been calculated as shown below:

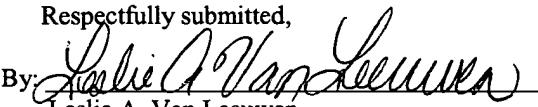
For	Number Filed	Number Extra	Rate	Fee
<b>Basic Fee:</b>				\$ 770.00
Total Claims:	30 - 20	10	x 18 =	\$ 180.00
Indep. Claims	4 - 3	1	x 80 =	\$ 80.00
<b>MULTIPLE DEPENDENT CLAIM PRESENTED</b>	0	x	280 =	\$ 0.00
			<b>TOTAL</b>	<u>\$1036.00</u>

Please charge my Deposit Account No. 09-0447 in the amount of \$1036.00. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0447. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.16.

Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,  
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